

L Number	Hits	Search Text	DB	Time stamp
1	1097414	(activated adj carbon) or (activated adj charcoal) or (adsorb\$) or (ag3) or (ag5) or (carbon) or (ac01) or (ac40)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/03/01 11:23
8	544	((closets) or (dressers) or (storage) or (closet) or (containers) or (confined adj spaces) or (refrigerat\$) or (fridge) or (confined adj air)) and (((baking adj soda) or (carbonic) or (carbonate) or (soda) or (sodium adj bicarbonate) or (sodium adj carbonate) or (potassium adj permanganate)) and ((decontaminat\$ or disinfect\$ or deodoriz\$ or sterili\$ or saniti\$ or clean\$ or treat\$ or remov\$ or purif\$) and malodor\$))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/03/01 11:32
9	449	((activated adj carbon) or (activated adj charcoal) or (adsorb\$) or (ag3) or (ag5) or (carbon) or (ac01) or (ac40)) and (((closets) or (dressers) or (storage) or (closet) or (containers) or (confined adj spaces) or (refrigerat\$) or (fridge) or (confined adj air)) and (((baking adj soda) or (carbonic) or (carbonate) or (soda) or (sodium adj bicarbonate) or (sodium adj carbonate) or (potassium adj permanganate)) and ((decontaminat\$ or disinfect\$ or deodoriz\$ or sterili\$ or saniti\$ or clean\$ or treat\$ or remov\$ or purif\$) and malodor\$)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/03/01 11:32
16	1007073	filter or filters	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/03/01 11:33
23	* 120	(filter or filters) and (((activated adj carbon) or (activated adj charcoal) or (adsorb\$) or (ag3) or (ag5) or (carbon) or (ac01) or (ac40)) and (((closets) or (dressers) or (storage) or (closet) or (containers) or (confined adj spaces) or (refrigerat\$) or (fridge) or (confined adj air)) and (((baking adj soda) or (carbonic) or (carbonate) or (soda) or (sodium adj bicarbonate) or (sodium adj carbonate) or (potassium adj permanganate)) and ((decontaminat\$ or disinfect\$ or deodoriz\$ or sterili\$ or saniti\$ or clean\$ or treat\$ or remov\$ or purif\$) and malodor\$)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/03/01 11:33

L Number	Hits	Search Text	DB	Time stamp
1	1778970	decontaminat\$ or disinfect\$ or deodoriz\$ or sterili\$ or saniti\$ or clean\$ or treat\$ or remov\$ or purif\$	USPAT	2002/03/01 11:08
2	9436	malodor\$	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/03/01 11:10
9	2543	(decontaminat\$ or disinfect\$ or deodoriz\$ or sterili\$ or saniti\$ or clean\$ or treat\$ or remov\$ or purif\$) and malodor\$	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/03/01 11:10
16	410897	(baking adj soda) or (carbonic) or (carbonate) or (soda) or (sodium adj bicarbonate) or (sodium adj carbonate) or (potassium adj permanganate)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/03/01 11:11
23	990	((baking adj soda) or (carbonic) or (carbonate) or (soda) or (sodium adj bicarbonate) or (sodium adj carbonate) or (potassium adj permanganate)) and ((decontaminat\$ or disinfect\$ or deodoriz\$ or sterili\$ or saniti\$ or clean\$ or treat\$ or remov\$ or purif\$) and malodor\$)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/03/01 11:12
30	1753718	(closets) or (dressers) or (storage) or (closet) or (containers) or (confined adj spaces) or (refrigerat\$) or (fridge) or (confined adj air)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/03/01 11:13
37	515	((closets) or (dressers) or (storage) or (closet) or (containers) or (confined adj spaces) or (refrigerat\$) or (fridge) or (confined adj air)) and (((baking adj soda) or (carbonic) or (carbonate) or (soda) or (sodium adj bicarbonate) or (sodium adj carbonate) or (potassium adj permanganate)) and ((decontaminat\$ or disinfect\$ or deodoriz\$ or sterili\$ or saniti\$ or clean\$ or treat\$ or remov\$ or purif\$) and malodor\$))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/03/01 11:13

L Number	Hits	Search Text	DB	Time stamp
1	1778970	decontaminat\$ or disinfect\$ or deodoriz\$ or sterili\$ or saniti\$ or clean\$ or treat\$ or remov\$ or purif\$	USPAT	2002/03/01 10:35
2	9436	malodor\$	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/03/01 10:38
9	410897	(baking adj soda) or (carbonic) or (carbonate) or (soda) or (sodium adj bicarbonate) or (sodium adj carbonate) or (potassium adj permanganate)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/03/01 10:41
16	1753718	(closets) or (dressers) or (storage) or (closet) or (containers) or (confined adj spaces) or (refrigerat\$) or (fridge) or (confined adj air)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/03/01 10:47

Connecting via Winsock to STN

Trying 3106016892...Open

(Sodium bicarbonate)

Welcome to STN International! Enter x:x

LOGINID:sssptal744mxc

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 Sep 17 IMSworld Pharmaceutical Company Directory name change
to PHARMASEARCH
NEWS 3 Oct 09 Korean abstracts now included in Derwent World Patents
Index
NEWS 4 Oct 09 Number of Derwent World Patents Index updates increased
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NEWS 24 Feb 01 DKILIT now produced by FIZ Karlsruhe and has a new update
frequency
NEWS 25 Feb 19 Access via Tymnet and SprintNet Eliminated Effective 3/31/02

NEWS EXPRESS February 1 CURRENT WINDOWS VERSION IS V6.0d,
CURRENT MACINTOSH VERSION IS V6.0a(ENG) AND V6.0Ja(JP),
AND CURRENT DISCOVER FILE IS DATED 05 FEBRUARY 2002
NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
specific topic.

All use of STN is subject to the provisions of the STN Customer
agreement. Please note that this agreement limits use to scientific
research. Use for software development or design or implementation
of commercial gateways or other similar uses is prohibited and may
result in loss of user privileges and other penalties.

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 10:22:56 ON 01 MAR 2002

=> file registry

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.30

0.30

FILE 'REGISTRY' ENTERED AT 10:24:00 ON 01 MAR 2002

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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STRUCTURE FILE UPDATES: 27 FEB 2002 HIGHEST RN 396639-34-2

DICTIONARY FILE UPDATES: 27 FEB 2002 HIGHEST RN 396639-34-2

TSCA INFORMATION NOW CURRENT THROUGH July 7, 2001

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Calculated physical property data is now available. See HELP PROPERTIES
for more information. See STN Note 27, Searching Properties in the CAS
Registry File, for complete details:

<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

The P indicator for Preparations was not generated for all of the
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CAS Help Desk at 1-800-848-6533 in North America or 1-614-447-3698,
worldwide, or send an e-mail to help@cas.org for further assistance or to
receive a credit for any duplicate searches.

=> s sodium bicarbonate/cn

L1 1 SODIUM BICARBONATE/CN

=> d

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS

RN 144-55-8 REGISTRY

CN Carbonic acid monosodium salt (8CI, 9CI) (CA INDEX NAME)

OTHER NAMES:

CN Baking soda

CN BI-CF 40E

CN BI-H 40E

CN Carbonic acid sodium salt (1:1)

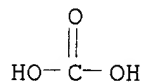
CN Carbonic acid, monosodium salt

CN Cellborn SC-P

CN Cellmic 266

CN DP 35/22

CN Extin B
 CN Meylon
 CN Monosodium carbonate
 CN Monosodium hydrogen carbonate
 CN Soda
 CN Sodium acid carbonate
 CN **Sodium bicarbonate**
 CN Sodium carbonate (Na(HCO₃))
 CN Sodium hydrogen carbonate
 CN Sodium monohydrogen carbonate
 CN Soludal
 CN Unifine P 4
 DR 199723-76-7, 246180-97-2
 MF C H₂ O₃ . Na
 CI COM
 LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS,
 BIOTECHNO, CA, CABA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB, CEN,
 CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHEM, CSNB, DDFU, DETHERM*,
 DIOGENES, DIPPR*, DRUGU, EMBASE, ENCOMPLIT, ENCOMPLIT2, ENCOMPPAT,
 ENCOMPPAT2, GMELIN*, HSDB*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*,
 MSDS-OHS, NIOSHTIC, PDLCOM*, PIRA, PROMT, RTECS*, TOXCENTER, TOXLIT,
 TULSA, USAN, USPAT2, USPATFULL, VETU, VTB
 (*File contains numerically searchable property data)
 Other Sources: DSL**, EINECS**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)
 CRN (463-79-6)



Na

14523 REFERENCES IN FILE CA (1967 TO DATE)
 58 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 14536 REFERENCES IN FILE CAPLUS (1967 TO DATE)
 2 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

Connecting via Winsock to STN

Trying 3106016892...Open

(Activated Carbon)

Welcome to STN International! Enter x:x

LOGINID:sssptal744mxc

LOGINID:

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

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NEWS WWW CAS World Wide Web Site (general information)

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 10:51:32 ON 01 MAR 2002

=> file registry

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.15

0.15

FILE 'REGISTRY' ENTERED AT 10:51:46 ON 01 MAR 2002

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PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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STRUCTURE FILE UPDATES: 27 FEB 2002 HIGHEST RN 396639-34-2

DICTIONARY FILE UPDATES: 27 FEB 2002 HIGHEST RN 396639-34-2

TSCA INFORMATION NOW CURRENT THROUGH July 7, 2001

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CAS Help Desk at 1-800-848-6533 in North America or 1-614-447-3698,
worldwide, or send an e-mail to help@cas.org for further assistance or to
receive a credit for any duplicate searches.

=> s activated carbon/cn

L1 1 ACTIVATED CARBON/CN

=>

=> d

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS

RN 7440-44-0 REGISTRY

CN Carbon (7CI, 8CI, 9CI) (CA INDEX NAME)

OTHER NAMES:

CN 207A

CN 207A (carbon)

CN 207E3

CN 20SPD

CN 3GX

CN 4GCX
 CN AC 01
 CN AC 01 (adsorbent)
 CN AC 100
 CN AC 100 (adsorbent)
 CN AC 40
 CN AC 40 (adsorbent)
 CN Acticarbon TK
 CN Actitex CS 1501
 CN **Activated carbon**
 CN AG 2
 CN AG 2 (catalyst support)
 CN AG 3
 CN AG 3 (adsorbent)
 CN AG 5
 CN AG 5 (adsorbent)
 CN AG-M
 CN AG-M (carbon)
 CN AG-OV 1
 CN AGN 1
 CN AGN 1 (carbon)
 CN AGN 2
 CN AGN 2 (carbon)
 CN AGN 3
 CN AGS 3
 CN AGS 4
 CN AGS 4 (adsorbent)
 CN AK
 CN AK (adsorbent)
 CN Amoco PX 21
 CN Anthrasorb
 CN Aqualen
 CN AR 2
 CN AR 2 (carbon)
 CN AR 3
 CN AR 3 (carbon)
 CN AR-A
 CN AR-A (carbon)
 CN ARD
 CN ARD (carbon)
 CN ART 2
 CN ART 2 (carbon)
 CN ART 2-302
 CN AS-O
 CN AS-O (adsorbent)

ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT - Use FCN, FIDE, or ALL for
 DISPLAY

DR 12789-22-9, 130960-03-1, 67167-41-3, 114680-00-1, 37196-29-5, 137322-21-5,
 76416-61-0, 82600-58-6, 83138-28-7, 26837-67-2, 39422-04-3, 39434-34-9,
 116788-82-0, 208519-32-8, 208728-20-5

MF C

CI COM

LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, BIOBUSINESS, BIOSIS, BIOTECHNO,
 CA, CABA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS,
 CHEMLIST, CIN, CSCHEM, CSNB, DDFU, DETHERM*, DIOGENES, DIPPR*, DRUGU,
 EMBASE, ENCOMPLIT, ENCOMPLIT2, ENCOMPPAT, ENCOMPPAT2, HSDB*, IFICDB,
 IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*, MSDS-OHS, NIOSHTIC, PDLCOM*, PIRA,
 PROMT, RTECS*, TOXCENTER, TOXLIT, TRCTHERMO*, TULSA, ULIDAT, USPAT2,
 USPATFULL, VTB

(*File contains numerically searchable property data)

Other Sources: DSL**, EINECS**, TSCA**

(**Enter CHEMLIST File for up-to-date regulatory information)

C

213974 REFERENCES IN FILE CA (1967 TO DATE)
10046 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
214096 REFERENCES IN FILE CAPLUS (1967 TO DATE)
18 REFERENCES IN FILE CAOLD (PRIOR TO 1967)